

SYSTEMS AND METHODS FOR HIGH-THROUGHPUT MICROFLUIDIC SAMPLE ANALYSIS

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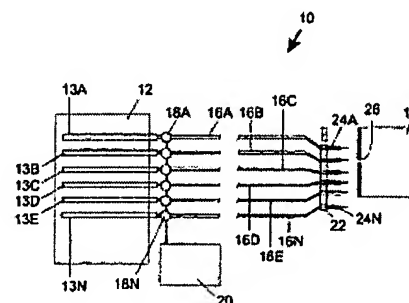
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Systems and methods for collecting the output of multiple simultaneously operated chromatography columns and providing the outputs to a single mass spectrometer are provided. Such systems utilize predetermined lengths of microfluidic tubing that act as storage buffers for the substantially all of the output of each column, preserving all data and, because the storage buffers are microfluidic, there is minimal diffusion between sample bands and solvent and signal clarity is preserved.



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